

ABSTRACT

The holding device of the endoscope allows suspension of the tissue while it is held and fixed securely. Use of holding device with large distal ends will not damage tissue and allows holding and suspension of a large area. A needle pierces at least the proper muscularis, thereby forming a large protrusion including the proper muscularis of the stomach and the esophagus as artificial valve to prevent reflux effectively. The holding device, formed extending out of the distal end of the endoscope, can touch the tissue easily under observation of the endoscope. Treatment is simple, and takes a shorter time.

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